AMENDMENTS TO THE SPECIFICATION

The following is a copy of Applicants' specification that identifies language being added with underlining ("___") and language being deleted with strikethrough ("——") or double strikethrough ("=="), as is applicable.

Please make the following amendments to the specification:

In paragraph [026]:

The patent application with Serial No. 10/603,038 ~~attorney docket number 61607-1730~~, entitled "Automatic Discovery of Network Core Type" ~~Type",~~ and filed on June 24, 2003, ~~the same day~~ is incorporated by reference in its entirety herein. In addition, the patent application with International Application No. PCT/US03/19998 ~~attorney docket number 61607-1740~~, entitled "Determination of Network Performance Characteristics" ~~Characteristics,"~~ and filed on June 24, 2003 (National Stage Entry Serial No. 10/515,222 filed on November 19, 2004), ~~the same day~~ is incorporated by reference in its entirety herein.

In paragraph [052]:

FIG. 3B follows FIG 3A in time. FIG. 3B shows the result of the first iteration of steps 402-407 and the first iteration of steps 501-506 ~~501-508~~ for the example network.

In paragraph [057]:

FIG. 3C follows FIG. 3B in time, and shows the result of all iterations of steps 402-407 and all iterations of steps 501-506 ~~501-508~~ for the example network configuration.

In paragraph [059]:

This arrangement is called a "full mesh." FIG. 3C thus shows the same three bidirectional

paths 301, 302, 303 from FIG. 3B, plus three ~~two~~ additional bidirectional paths <u>304, 305,</u>

<u>and 306</u> ~~304 and 305~~.

In paragraph [061]:

Network configuration 100a contained ~~a~~ one list, 206a, which contained the node addresses

of all other nodes.

In paragraph [062]:

The list of known nodes 206a for node 101a contains two entries, one for node 101b and

one for node <u>101c</u> ~~101b~~.

In paragraph [069]:

Because forward count field 209 is zero (node <u>101b</u> ~~101a~~ decremented the count before

transmitting the announcement), node 101e does not forward the new node address (.5) on

to other nodes.

In paragraph [070]:

Because forward count field 209 is zero (node <u>101b</u> ~~101a~~ decremented the count before

transmitting the announcement), node 101d does not forward the new node address (.5) on

to other nodes.

In paragraph [071]:

FIG. 6D shows a snapshot of each node's list of known nodes 206 after node 101c has

announced the Static nodes in its list <u>206c</u> ~~206b~~. There are two Static nodes in list 206c,

and both have a non-zero Forwarding Count. Therefore, node 101c announces address .6

to both Static nodes in its list 206c (.6 and .7), and also announces address .7 ~~.6~~ to both

Static nodes.

In paragraph [072]:

The list 206f in node 101f ~~101d~~ remains unchanged by the announcement of node .6, since

the announcement contained only the node's own address. However, the list 206g in node

101g has been updated with a new Discovered node with the network address field 208 set

to .6, and with forward count field 209 set to zero. Because forward count field 209 is zero

(node 101c ~~101a~~ decremented the count before transmitting the announcement), node 101g

~~101e~~ does not forward the new node address (.6) on to other nodes.

In paragraph [073]:

Because forward count field 209 is zero (node 101c ~~101a~~ decremented the count before

transmitting the announcement), node 101f ~~101d~~ does not forward the new node address

(.7) on to other nodes.

In paragraph [074]:

The paths resulting from the sequence described by FIGs. 6A-D are ~~a is~~ called "dual tier."

FIG. 6D thus shows ~~the same~~ three ~~bidirectional paths 301, 302, 303 from FIG. 3C, plus two~~

additional bidirectional paths 607, 608, and 609 ~~306 and 307~~.

In paragraph [077]:

The list of known nodes 206a for node 101a contains two entries, one for node 101b and

one for node 101c ~~101b~~.

In paragraph [088]:

The list 206f ~~206d~~ in node 101d is updated with a new Discovered node with the network

address field 208 set to .3, and with forward count field 209 set to zero.

In paragraph [089]:

Some Discovered nodes in FIG. 7D have a forward count field 209 <u>of 1</u> ~~of .1~~.

In paragraph [095]:

The ICMP type field 809 is set to 8 and the ICMP code field 810 is set to 0, which identifies the ~~as~~ ICMP packet 808 <u>as</u> an Echo Request.

In paragraph [0101]:

Node <u>101d</u> ~~101~~ has deleted address .3 but the deletion announcement for its own address .4 has no effect.